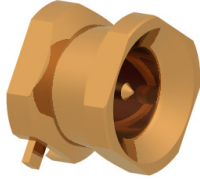


Product data sheet

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Part Number: 5018.PSMP.1010.003 Description: PSMP p.c.b. mount plug "Smooth bore"		Revision: a Date: 17.10.2012 Signature: R.Schwär Page: 1 of 2		
Design according to:		Power-SMP Spec. 119S000-000		
Electrical characteristics		colored value means: still under test target value	Picture	
	Value	Unit		
Impedance (MIL-C- 39012B)	50	[Ω]		
Operating frequency up to10	[GHz]		
Return loss				
1 GHz	30	[dB]		
2 GHz	30	[dB]		
4 GHz	30	[dB]		
6 GHz	25	[dB]		
10 GHz	15	[dB]		
(Return loss depends primary on p.c.b. material + layout)				
3rd. Order PIM product	160	[dBc]	Remarks at 910MHz / at 1870 MHz	
Insulation resistance	≥ 5	[GΩ]		
Insertion loss	≤ 0.03 x √ f (GHz)	[dB]	at 2,2 GHz	
Contact resistance				
Centre contact	≤ 3	[mΩ]		
Outer contact	≤ 2	[mΩ]		
Contact current max. (DC)	max. 1,2	[A]		
Operating voltage	480	[V]		
Proof voltage	1000	[V]		
Power handling (at 20°C, sea level)	≤ 200	[W]		
Mechanical characteristics		Value	Unit	Remarks
Engagement force	max. 10	[N]		
Separating force	min. 2,2	[N]		
Mating cycles	≥ 1000			
Center contact captivation	≥ 7	[N]		

